



Arizona Department of Transportation
ROADWAY ENGINEERING GROUP

MEMORANDUM

To: All Users of the "Roadway Design Guidelines"

Date: August 5, 2004

From: William J. Lyons, Manager
Design Section
Roadway Engineering Group

Subject: Vertical Curve Analyzer 2001
AASHTO 2001 Stopping Sight Distance Formula

With the issuance of revised Chapters I, 100 and 200 of the Roadway Design Guidelines on February 25, 2004, the Roadway Engineering Group adopted the 2001 AASHTO Stopping Sight Distance formula.

The Roadway Pre Design website has recently been revised to remove the older versions of Vertical Curve Analyzer – WinNT and Vertical Curve Analyzer – Win9x. These are now replaced with a new version, Vertical Curve Analyzer 2001 in Excel. This new version is formatted similarly to the old versions but is based on the 2001 AASHTO Stopping Sight Distance formula. The Vertical Curve Analyzer 2001 is posted on both the Roadway Pre Design and Roadway Design web pages at:

<http://www.dot.state.az.us/ROADS/Rdwyeng/index.html>

Please distribute this memo to all design personnel, project managers, and consultants in your Groups/Districts. Contact us if you have any questions regarding use of the analyzer.

C: Roadway Engineering Group

FHWA

Statewide Project Management Group

Local Government

Valley Project Management Group

Regional Traffic Engineers (4)

Traffic Engineering Group

Materials Group

Engineering Consultant Services

Bridge Group

Construction Group

Contracts and Specifications Section

District Engineers (10)

District Permits